VAPOR INTRUSION ASSESSMENT SURVEY
Date:Address/Property ID:_
Assessor Name & Affiliation: David Sena / Weston Solutions
BUILDING CONSTRUCTION SECTION
Single Duplex Condominium Townhouse Other Family
Structure:
Number of Floors: 2 (enter)
Age of Structure/Year Built: VNKnowN
Yes No
Slab on grade? (If yes, see slab section for additional description)
Basement? (If yes, see basement section for additional description)
Finished Unfinished
Crawlspace? (If yes, see crawlspace section for additional description)
Approximate square footage of the footprint and the structure:
General aboveground construction (check all that apply): Wood Brick Concrete Cement block Other
Foundation construction (check at that apply): Concrete slab Fieldstone Concrete block Elevated above ground/grade Other Floor
Integrity of structure (check all that apply): Good Fair Poor Other
Has the structure been weatherized (i.e. insulation, replacement or storm windows)? Yes ☐ No☐
BASEMENT/SLAB SECTION
Does anyone reside in the basement? Yes No
Basement Dimensions:
Basement/Slab Description (Provide Field Drawing)

BASEMENT FLOOR
Basement Floor is (check all that apply): Concrete Dirt Tile Other
Integrity of Basement Floor: Good☑ Fair☐ Poor☐
Are there cracks in the basement floor? Yes No Describe:
Is there exposed soil in the basement floor? If so, explain: Yes No
BASEMENT WALLS
Basement Walls are (check all that apply): Poured concrete Cement Block Stone Wood Brick Other
Integrity of the Basement Walls: Good Fair Poor
Are there cracks in the basement walls? Yes No Describe:
Is there exposed soil in the basement walls? If so, explain:
CRAWLSPACE SECTION
Crawlspace Percentage of House Footprint:
Crawlspace floor type: Concrete Dirt Gravel Other:
Crawlspace construction type: Wood Brick Concrete Cement block
Accessibility: Indoor Outdoor Describe entry points:
UTILITY SECTION
Electrical Service Amperage is: Fuse Circuit Other
Are there any evident electrical hazards? Yes No Explain
EXTERIOR DESCRIPTION (Provide Field Drawing)
Is there a garage? Yes ☐ No ☑ Attached☐ Unattached☐
Is there a storage shed or other building unit on property? Yes Now Attached Unattached Describe:

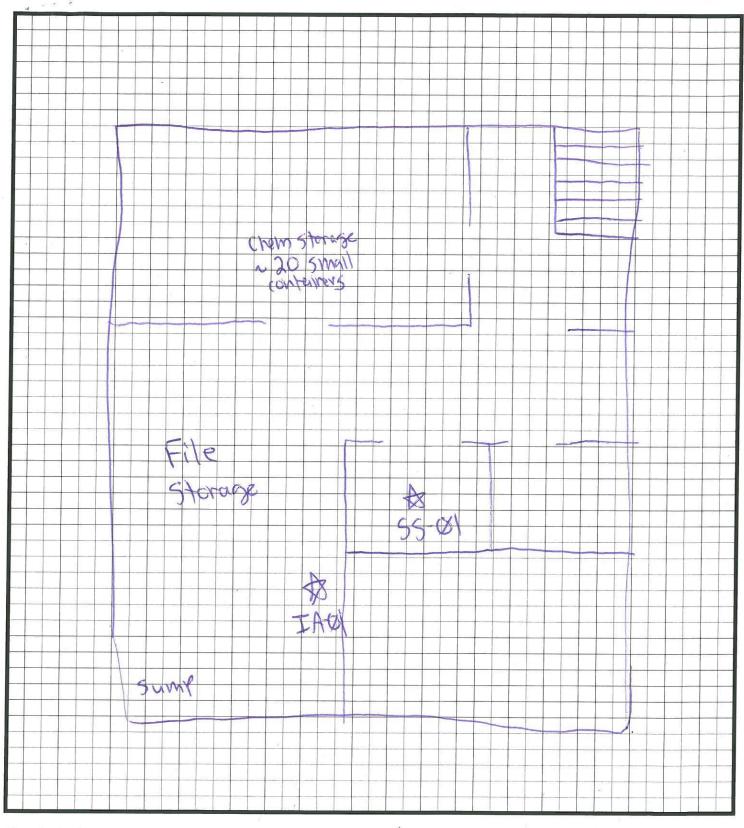
HOUSEHOLD ITEMS

Potential VOC Source	Item Stored In Sample Area? (Yes or No)	Storage Location	Removed 24 hour prior to sampling (Yes/No/NA)
Paints or paint thinners	(Tes Of NO)	3	(163/140/14A)
Gas-powered equipment	1/2	* **	1
Gasoline storage cans			
Cleaning solvents			-
Air fresheners			+
Carpet/upholstery cleaners		- N-	
Aerosol Hairspray			
Nail polish/remover			<u> </u>
Bathroom cleaner			
Degreaser			
Furniture/floor polish		The state of the s	
Moth balls		la l	
Dry cleaning kits	V		18
Fuel tank		V Committee of the Comm	
Liquid Paper			
Compressed air			
Hobby supplies		, и	
Scented candles, potpourri, etc.	-		
Other	i		*
s there evidence of regular smoken Do the occupants frequently have Have you recently remodeled or p	e their clothes dry-cleane		Yes No
When?			
Where?			
Type?			
Are any project specific source nsecticides, pcbs)?	s present in home (e	.g. pesticides,	
ANY OTHER COMMENTS			

Sample Log Wedron GW Removal Wedron, LaSalle County, IL

a a		000.0	1 2	462:18			
Address:		2009	Antonio Company	462nd Rd			
Owner's Name:		Fairv	NONNT	Miterals (compensial busin	155)		
Telephone No:				2			
Occupant's Name (if tenant)	:			÷ 5 -			
Telephone No:		_		L All di			
Is resident living in basemen	nt?	YES	NO V				
Sub-Slab Sample:					100 T		
Ba	arometric Pressure	Outside Temp	Vacuum at Start	Sample ID#	ppbRAE VOC Conc.	SUMMA Canister ID	Regulator ID
10-15-13	19,48" 30,3	57	-2912" -7012	- WUW-55 Ø \-101613	45 ambient 90 in hole	044	7249864
	acuum at				aniled	8	
End Date/Time	End			Location of Sub-Slab Sample			
10-16-13	-17,3"	P	aseme	nt, central Location,			
Indoor Air Sample:							
Ba	arometric Pressure	Outside Temp	Vacuum at Start	Sample ID#	ppbRAE VOC Conc.	SUMMA Canister ID	Regulator ID
12.13	29.53"	57	~2 9.6'	55 WGW-1A01-101613	45 ppb	057	7306977
V	acuum at						
End Date/Time	End			Location of Indoor Air Sample			
10-16-13	3,8"		Busen	ent, on stelf			
PICTURES TO BE TAKEN:		•	¥	IF HOUSE HAS A VAPOR ABATEMENT S	SYSTEM:		
Inside basement (all 4 direction	ns)	YES 🔽	NO .	U-Tube Manometer (inches water column)	(ide	eal is greater th	han 1)
Sub-slab sample		YES 🗾	NO .	Vacuum Reading (inches water column)	at I	location	
Indoor air sample		YES 🔽	NO	Vacuum Reading (inches water column)	at I	location	
Outside of residence (all 4 dire	ctions)	YES	NO	Vacuum Reading (inches water column)	at I	location	
,	_/			(ideal digital manometer vacu	um reading is a	t least 0.01)	48
TYPE OF AIR SAMPLING	Initial		y post miti	gationQu	arterly Sample		
Ott	her			Control Control			
Comments:							
\$1 p				(a)	19		
3			-				

BASEMENT DIAGRAM



Draw in the following:
Extraction point location(s)
Vacuum Probe testing locations
Initial sub-slab probe location
Initial indoor air sample location

No Voc Sources locatel Background = 40 Mp κ

VAPOR INTRUSION ASSESS	MENT SUR	/EY			
Date:10/15/2013	Address	/Property ID:_			
Assessor Name & Affiliation:	David S	Sena / Weston So	lutions		
BUILDING CONSTRUCTION S	SECTION	<i>K</i> 2			
Single Family Type of	Duplex	Condominium	Townhouse	е	Other
Structure: Number of Floors:	2				_
Age of Structure/Year Built: Slab on grade? (If yes, see slab	section for	additional descript	tion)	Yes	No
Basement? (If yes, see baseme	ent section for	50	7.5		
Crawlspace? (If yes, see crawls Approximate square footage of	pace section				
General aboveground construction Wood Brick Concre		nat apply): ment block	Other	e 1	<u>S-1</u>
Foundation construction (check a Concrete slab Fieldstone Other	Inthat apply): Concrete blo	ck Elevated al	bove ground	/grade⊡	
Integrity of structure (check all that Good Fair Poor	apply): Other				
Has the structure been weatheriz	zed (i.e. insu	lation, replaceme	nt or storm w	vindows)?	
BASEMENT/SLAB SECTION					
Does anyone reside in the basen	nent?	Yes No [4		
Basement Dimensions:		13'× 18'			15 4 72
Basement/Slab Description (Prov	vide Field Dra	awing)			

BASEMENT FLOOR
Basement Floor is (check all that apply): Concrete Dirt Tile Other
Integrity of Basement Floor: Good Fair Poor
Are there cracks in the basement floor? Yes No Describe: water channel, not really a crack
Is there exposed soil in the basement floor? If so, explain: If so, explain: Yes No
BASEMENT WALLS
Basement Walls are (check all that apply): Poured concrete Cement Block Stone Wood Brick Other
Integrity of the Basement Walls: Good Fair Poor
Are there cracks in the basement walls? Yes No Describe:
Is there exposed soil in the basement walls? If so, explain: Yes No
CRAWLSPACE SECTION
Crawlspace Percentage of House Footprint:
Crawlspace floor type: Concrete Dirt Gravel Other:
Crawlspace construction type: Wood Brick Concrete Cement block
Accessibility: Indoor Outdoor Describe entry points:
UTILITY SECTION
Electrical Service Amperage is: Fuse Circuit Other
Are there any evident electrical hazards? Yes No Explain
EXTERIOR DESCRIPTION (Provide Field Drawing)
Is there a garage? Yes ☑ No ☐ Attached ☐ Unattached ☑
Is there a storage shed or other building unit on property? Yes ☑ No ☐ Attached ☐ Unattached ☑ Describe:

HOUSEHOLD ITEMS

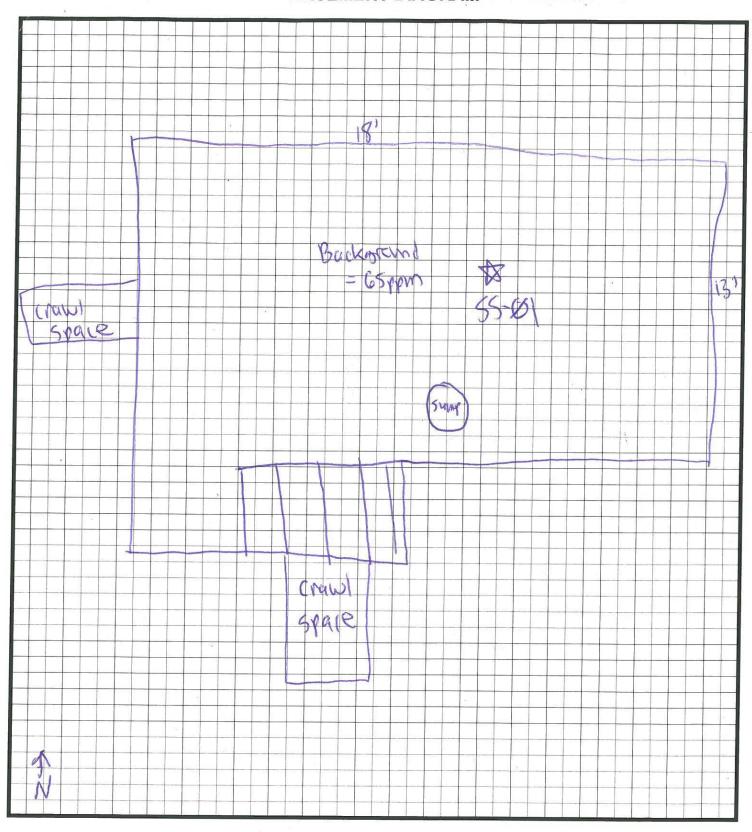
Sources of Chemical C	ontaminants
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the structure? nes dry-cleane		Yes No	
		2	
in home (e.	g. pesticides,		
	in home (e.	in home (e.g. pesticides,	in home (e.g. pesticides,

Sample Log Wedron GW Removal Wedron, LaSalle County, IL

Address:								
Owner's Name:					*			
Telephone No:		A						
Occupant's Name (if tena	nt):	*		<u> </u>				
Telephone No:								
Is resident living in baser	nent?	YES	NO V					
Sub-Slab Sample:								
Start Date/Time	Barometric Pressure	Outside Temp	Vacuum at Start	Sa	mple ID#	ppbRAE VOC Conc.	SUMMA Canister ID	Regulator ID
	29.88"	5708	-30,0		02-101613	65 ambient	169	724816
11:30				o do do		drilled hole		
	Vacuum at	1						
End Date/Time	End	1		Location of Sub-				
10-16-13	-3,5"	Ce	inhal	Basement	tloor	3		
			100					
Indoor Air Sample:	Barometric	Outside	Vacuum	Ç.	ample ID#	ppbRAE VOC	SUMMA Canister ID	Regulator
Start Date/Time	Pressure	Temp	at Start	720. 270.		105	066	733963
10-11-30 10-11-30	29.981	57°F	-31.0	Mam-Th	102-101613	ampient	040	15510
	Vacuum at							
End Date/Time	End			Location of Indo	or Air Sample			
10-16-13	-4.2"	0	WING	room t	able			
11:35		V	0					
PICTURES TO BE TAKEN	۷:			IF HOUSE HAS A	VAPOR ABATEMENT			
Inside basement (all 4 direct	ctions)	YES V	NO		ter (inches water column)	(id		
Sub-slab sample		YES V	NO L	102/99891 10 (0.00)	(inches water column)		location	
Indoor air sample		YES V	NO L	8	(inches water column)	at		
Outside of residence (all 4	directions)	YES	NO		(inches water column) deal digital manometer vac			
TYPE OF AIR SAMPLING	i Initial		ay post miti			uarterly Sample		
	Other							(8)
Comments:								

BASEMENT DIAGRAM



Draw in the following:
Extraction point location(s)
Vacuum Probe testing locations
Initial sub-slab probe location
Initial indoor air sample location

VAPOR INTRUSION ASSESSMENT SURVEY
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Assessor Name & Affiliation: David Sena / Weston Solutions
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*
Single Duplex Condominium Townhouse Other Family
Type of Structure:
Number of Floors:
Age of Structure/Year Built:
Yes No
Slab on grade? (If yes, see slab section for additional description)
Basement? (If yes, see basement section for additional description)
Finished Unfinished
Crawlspace? (If yes, see crawlspace section for additional description)
Approximate square footage of the footprint and the structure:
General aboveground construction (check all that apply): Wood Brick Concrete Cement block Other
Foundation construction (check all that apply): Concrete slab Fieldstone Concrete block Elevated above ground/grade Other
Integrity of structure (check all that apply): Good Fair Poor Other
Has the structure been weatherized (i.e. insulation, replacement or storm windows)? Yes ☐ No☐
BASEMENT/SLAB SECTION
Does anyone reside in the basement? Yes ☑ No □
Basement Dimensions:
Basement/Slab Description (Provide Field Drawing)

BASEMENT FLOOR
Basement Floor is (check all that apply): Concrete Dirt Tile Other
Integrity of Basement Floor: Good Fair Poor
Are there cracks in the basement floor? Yes No No Describe: 100 No
Is there exposed soil in the basement floor? If so, explain:
BASEMENT WALLS
Basement Walls are (check all that apply): Poured concrete Cement Block Stone Wood Brick Other
Integrity of the Basement Walls: Good Fair Poor
Are there cracks in the basement walls? Yes No Describe: Yes repaired was made in Walls obstitude
Is there exposed soil in the basement walls? Yes No V If so, explain:
CRAWLSPACE SECTION NA
Crawlspace Percentage of House Footprint:
Crawlspace floor type: Concrete Dirt Gravel Other:
Crawlspace construction type: Wood Brick Concrete Cement block
Accessibility: Indoor Outdoor Describe entry points:
UTILITY SECTION
Electrical Service Amperage is: Fuse Circuit Other
Are there any evident electrical hazards? Yes No Explain
Are there any evident electrical hazards? Yes ☐ No ☑ Explain
EXTERIOR DESCRIPTION (Provide Field Drawing)
Is there a garage? Yes ☑ No ☐ Attached☑ Unattached☐
Is there a storage shed or other building unit on property?

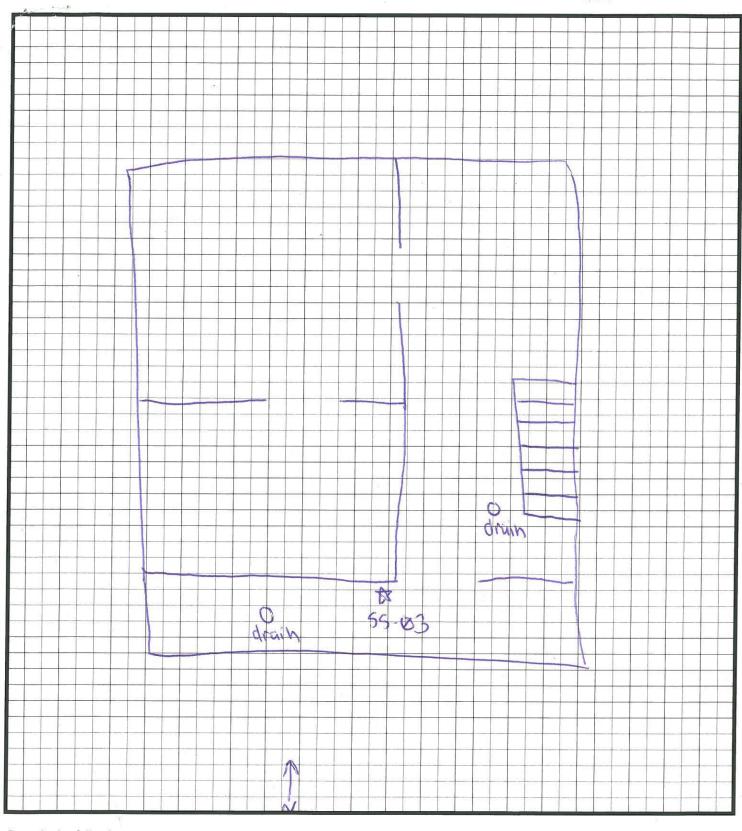
HOUSEHOLD ITEMS

Potential VOC Source	Item Stored In Sample Area? (Yeş or No)	Storage Location	Removed 24 hours prior to sampling (Yes/No/NA)
Paints or paint thinners	V	2	(TOOM ON TA)
Gas-powered equipment	N		
Gasoline storage cans	Ň	50, 3000 00 00 00 00 00 00 00 00 00 00 00 0	
Cleaning solvents	V	5. P. S. SERVINON	1 200
Air fresheners	*		
Carpet/upholstery cleaners	11		
Aerosol Hairspray	N		
Nail polish/remover	1/1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Bathroom cleaner	V		
Degreaser	ħ1	1	
Furniture/floor polish	M		1-2-1-2
Moth balls	TVI		
Dry cleaning kits	10		The second secon
Fuel tank	\\\	VE MEN 155 WAYNE	
Liquid Paper	N		
Compressed air	N Al		
Hobby supplies	- N		
Scented candles, potpourri, etc.	y		
Other	y		
s there evidence of regular smokir			Yes No
Have you recently remodeled or pa			
When?			
Where?			
			8
Гуре?			
Type? Are any project specific source sourc	present in home (e	g. pesticides,	
Are any project specific source s	present in home (e	.g. pesticides,	
Are any project specific source s	present in home (e	g. pesticides,	

Sample Log Wedron GW Removal Wedron, LaSalle County, IL

Owner's Name: Telephone No: Occupant's Name (if tenant):	
Occupant's Name (if tenant):	
Talantana Nas	
Telephone No:	
Is resident living in basement? YES NO	
Sub-Slab Sample: Barometric Outside Vacuum	lator
Start Date/Time Pressure Temp at Start Sample ID# Conc. Canister ID II	
10-15-13 29.98" 57"F -32.0" WGW-5503-101613 250pp 003 730	6919
Vacuum at End Date/Time End Location of Sub-Slab Sample	
10-16-13 12:50 -5.0' Basement	
Indoor Air Sample:	
	ilator D
10-15-13 29.88" 57-T -27.8" WGW-IA03-101613 282 Mb 182 7240	1385
End Date/Time End Location of Indoor Air Sample	
10-16-13:00 0:0 Family Room, 1st Floor	
PICTURES TO BE TAKEN: IF HOUSE HAS A VAPOR ABATEMENT SYSTEM:	
Inside basement (all 4 directions) YES NO U-Tube Manometer (inches water column) (ideal is greater than 1)	
Sub-slab sample YES NO Vacuum Reading (inches water column) at location at location	
Indoor air sample YES NO Vacuum Reading (inches water column) at location at location	
Outside of residence (all 4 directions) YES V NO Vacuum Reading (inches water column) at location	
(ideal digital manometer vacuum reading is at least 0.01)	
TYPE OF AIR SAMPLING	
Other	
Comments:	

BASEMENT DIAGRAM



Draw in the following:
Extraction point location(s)
Vacuum Probe testing locations
Initial sub-slab probe location
Initial indoor air sample location